FIGURE 1

FIGURE 2

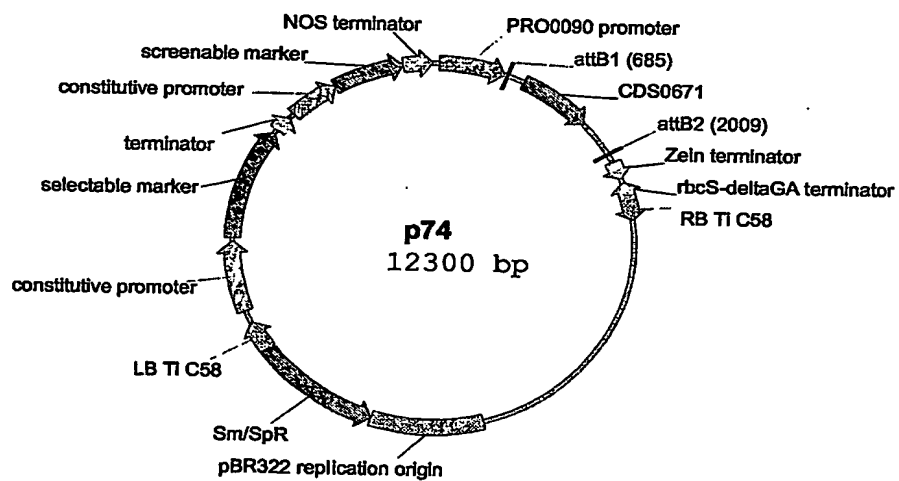**SEQ ID NO 1: CDS0671 coding sequence from LIMS, start and stop codon in bold**

aattcccgggatatcgtcgacccacgcgtccgaataaatctgcttttggaaacattgtg
ttgcatccttctcttcagaggagaatagaacacctcgctagggccacagcaaacaccaa
gtctcaccaggcaccatttcgcaat**atg**ctctttatggtcctcctggcactgggaaa
acaatggttgctagggagatcgcaagaaaatcgggtttggactatgccatgatgactgg
aggggatgttgcacccctgggtgcacaggctgtcaccaaaattcacgagatattcgatt
gggccaaaaaatcaaataaaggcctactgcttttcattgatgaggctgatgcatttttg
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gagatctagacagtgctgtcactgaccgtatagacgaagttatcgaattccctctccct
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gagcccagattgtgttcttgattctcaactgttcaaggaaatcgtagattacaaggtcg
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aat**taa**ctgacaccacaaagatacaagtgtctttcactgatacgaattgttgaaaatt
tgtttattatctctctttggtagtattgcatgcaaaattcattttttccaaacttaggata
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cagggttcaatgggacgttacaatttgatgggtacatagctcacttgggctgtaattgt
attgattctgtggatcgcaggaaaatacatccattgaatagataaatagtaggcaaaac
atgaagtctctttgaaataggtctctgttatcaaatatcaactaacctatcttttgatt
accgcggccgctctagagtatccctcgaggggcccaagcttacgcgt

SEQ ID NO 2: CDS0671 deduced protein sequence

MLFYGPPGTGKTMVAREIARKSGLDYAMMTGGDVAPLGAQAVTKIHEIFDWAKKSNKGL
LLFIDEADAFLCERNSTYMSEAQRSALNALLFRTGDQSRDVVLVLATNRPGDLDSAVTD
RIDEVIEFPLPQEEERFKLLKLYLNKYLAGEGDSDSNSKWGHLFKKNQQKRITIQDLSD
DVIREAAKKIEGFSGREIAKLMASVQATVYGSPDCVLDSQLFKEIVDYKVAEHHQRIKL
AAEGMEPTYQGN

FIGURE 3

SEQ ID NO 3: expression cassette
cttctacatcggcttaggtgtagcaacacgactttattattattattattattatt
attattttacaaaaatataaaatagatcagtccctcaccacaagtagagcaagttggtg
agttattgtaaagttctacaaagctaatttaaaagttattgcattaacttatttcatat
tacaaacaagagtgtcaatggaacaatgaaaaccatatgacatactataattttgtttt
tattattgaaattatataattcaaagagaataaatccacatagccgtaaagttctacat
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aatttgtttattatctctttggtagtattgcatgcaaaattcattttttccaaacttag
gatattgtagtttaggtgtactatttctgcttggggaatgagcactggatggtggacgt
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gaaaaaacaaataatattaatttgagaatgaacaaaaggaccatatcattcattaactc
ttctccatccatttccatttcacagttcgatagcgaaaccgaataaaaacacagtaa
attacaagcacaacaaatggtacaagaaaaacagtttcccaatgccataatactcgaa
c

FIGURE 3 (continued)